

**SOLID-STATE LIGHTING:****Recognizing  
Innovative, Energy-  
Efficient Commercial  
Lighting Luminaires**

The Next Generation Luminaires™ Solid-State Lighting Design Competition seeks to encourage technical innovation and recognize and promote excellence in the design of energy-efficient LED commercial lighting luminaires.

Organized by the U.S. Department of Energy (DOE), the Illuminating Engineering Society of North America (IES), and the International Association of Lighting Designers (IALD), the Next Generation Luminaires competition encourages manufacturers to develop innovative commercial luminaires that are energy efficient and provide the high lighting quality and consistency, glare control, lumen maintenance, and luminaire appearance needed to meet specification lighting requirements.

Launched in 2008, the competition recognizes the rapid changes and



advancements in white LED technology for general illumination. LEDs, when incorporated into well-designed luminaires, are now appropriate for a growing number of lighting applications.

**2009 Next Generation Luminaires Winners**

Winners of the second-annual Next Generation Luminaires awards were announced in February 2010 at the Strategies in Light® conference in Santa Clara, California. A total of 126 entries were judged from 60 lighting companies. Of the entries, 47 were selected for recognition, with four of these products (see below) designated as Best in Class.

**Participants**

The competition is open to LED lighting, lighting system, and luminaire manufacturers, including LED device and system

manufacturers in conjunction with their luminaire manufacturing partners.

**Judging Criteria**

Designs are evaluated on the basis of color appearance, color rendering, appropriate illuminance, application efficiency, aesthetic appearance and style, serviceability, and replacement. Bonus points are awarded for adjustability, dark-sky-friendly optics, entries demonstrating no off-state power consumption, and entries with LM-80 product depreciation data (to estimate service life).

Next Generation Luminaires judges are drawn from across the architectural lighting design community, creating a diverse panel of experts who design, specify, evaluate, research, and write about commercial SSL luminaires.

**Best in Class, 2009 Next Generation Luminaires**

SPLIGHTING Stile Styk wall washing fixture



Wide-Lite VizorLED for parking garages



Finelite CURVE task lighting fixture



GE Lighting Solutions EVOLVE™ roadway luminaire

## NGL 2009 Recognized Winners

Category—Indoor	Manufacturer/Product
Accent Lighting	<ul style="list-style-type: none"> <li>Cooper Lighting: Halo Stasis LED Luminaire</li> <li>Lighting Services Inc.: LumeLEX 2000</li> <li>Amerlux Global Lighting Solutions: Contour 3x3</li> </ul>
Recessed Accent Lighting	<ul style="list-style-type: none"> <li>DaSal Industries: Matrix MX1-XIC</li> <li>USA! BeveLED</li> </ul>
Cove Lighting	<ul style="list-style-type: none"> <li>Tempo Industries, Inc.: Series 6000 Cove</li> </ul>
Wall Washing	<ul style="list-style-type: none"> <li>Visa Lighting: Advantus Linear LED</li> <li>Finelite, Inc.: MURO</li> <li>Edison Price Lighting: LED Round WL/5</li> </ul>
Wall Grazing	<ul style="list-style-type: none"> <li>Specialty Lighting Industries: 805-LED-APH</li> <li>Pure Lighting: Stratus</li> </ul>
Specialty Lighting	<ul style="list-style-type: none"> <li>Edge Lighting: Nautilus LED</li> <li>ReLED Systems: ReLED Stem Mount</li> <li>Planet Lighting: LED Handrail Lighting System (indoor/outdoor)</li> </ul>
Under Cabinet Lighting	<ul style="list-style-type: none"> <li>GE Lighting Solutions: Tetra® AL10</li> <li>Finelite, Inc.: LED Undercabinet</li> </ul>
Refrigerated Display Lighting	<ul style="list-style-type: none"> <li>GE Lighting Solutions: Immersion™ LED RV30 Series</li> </ul>
Downlighting	<ul style="list-style-type: none"> <li>Cree LED Lighting: LR6-DR1000</li> <li>Edison Price Lighting: LED Round OS DL/5-800</li> <li>Intense Lighting: SS4</li> <li>Cooper Lighting: Halo LED 900</li> <li>Philips Lightolier: Calculite</li> <li>Sea Gull Lighting/JuiceWorks: LED Surface Mount Downlight</li> </ul>
General Illumination Lighting	<ul style="list-style-type: none"> <li>STILE, a brand of SPILIGHTING Inc.: Stile Tryg</li> <li>Zumtobel Lighting, Inc.: CAREENA LED</li> <li>Litecontrol: L20</li> <li>Zumtobel Lighting, Inc.: SLOTLIGHT LED</li> </ul>
Industrial Lighting	<ul style="list-style-type: none"> <li>Digital Lumens: ILE HB-3 Intelligent Lighting System</li> <li>LightWild: Lusio Bay</li> <li>Albeo Technologies: S-Series Sealed LED High Bay</li> </ul>
Category—Outdoor	Manufacturer/Product
Street/Roadway Lighting	<ul style="list-style-type: none"> <li>Cooper Lighting: Streetworks OVH LED Area Luminaire</li> <li>Philips Hadco: Evolaire Street &amp; Area LED Luminaire</li> <li>BetaLED®: LEDway™ Streetlight</li> <li>LED Roadway Lighting Ltd.: Satellite S96M</li> <li>Philips Lumec: RoadStar™</li> </ul>
Pedestrian-Scale Lighting	<ul style="list-style-type: none"> <li>Sternberg Lighting: A850SR LED</li> <li>GE Lighting Solutions: Evolve™ Contemporary Domed Area Light</li> </ul>
Parking Lot Lighting	<ul style="list-style-type: none"> <li>GE Lighting Solutions: Evolve™ LED Area Light</li> <li>LSI Industries, Inc.: Crossover® XAM/S LED Area Light</li> </ul>
Utility Canopy Lighting	<ul style="list-style-type: none"> <li>BetaLED®: THE EDGE 227 Recessed Canopy Luminaire</li> <li>LSI Industries, Inc.: Crossover® XSL LED Soffit Light</li> </ul>
Wall-Mounted Area Lighting	<ul style="list-style-type: none"> <li>Cooper Lighting: Invue Entri LED Architectural Wall Mount Luminaire</li> </ul>
Ingrade Uplighting	<ul style="list-style-type: none"> <li>Winona Lighting: Dalton Brass LED-32</li> </ul>

## NGL 2010

The NGL 2010 competition was launched in May, and judging took place in December. Winners will be announced in February 2011 at the Strategies in Light® conference in Santa Clara, California. For complete guidelines and rules for the competition, see [www.ngldc.org](http://www.ngldc.org).

## 2010–2011 Timeline

**SEPTEMBER 13, 2010**

Intent-to-Submit Forms Completed

**NOVEMBER 1, 2010**

Entries (Fixtures) Due

**DECEMBER 2–3, 2010**

Judging Event

**FEBRUARY 2011**

Winners Announced

**For More Information**

For more information on Next Generation Luminaires, see [www.ngldc.org](http://www.ngldc.org) or email [NGL@pnl.gov](mailto:NGL@pnl.gov). To learn more about IES and IALD, visit [www.ies.org](http://www.ies.org) and [www.iald.org](http://www.iald.org).

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